

Title (en)

Scintillation liquid compatible with high performance liquid chromatography solvents.

Title (de)

Eine mit hochempfindlichem Flüssig-Chromatographie-Lösungsmittel verträgliche Szintillationsflüssigkeit.

Title (fr)

Scintillateur liquide utilisable avec des solvants pour la chromatographie liquide à haute performance.

Publication

EP 0106978 A1 19840502 (EN)

Application

EP 83108400 A 19830826

Priority

US 42562282 A 19820928

Abstract (en)

A liquid scintillation composition especially useful for gradient elution chromatography comprising an aromatic liquid capable of capturing energy from radiation by radio-tagged compositions, at least one fluor, at least one low molecular weight alcohol and a surfactant comprising a polyoxyalkylene unit and a straight chain alkyl unit. Preferably, the surfactant comprises an ethoxylated or propoxylated fatty alcohol or fatty acid in which the moles of ethylene or propylene oxide range from 5 to 25 and the length of the alkyl chain is between 6 and 20 carbon atoms.

IPC 1-7

G01T 1/204

IPC 8 full level

G01T 1/204 (2006.01)

CPC (source: EP US)

G01T 1/2042 (2013.01 - EP US)

Citation (search report)

- [YD] US 4124527 A 19781107 - KAUFFMAN JOEL M
- [Y] US 3957677 A 19760518 - TARKKANEN VEIKKO
- [A] GB 1222111 A 19710210 - SENA EDWIN ANDRES [US]

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0106978 A1 19840502; US 4438017 A 19840320

DOCDB simple family (application)

EP 83108400 A 19830826; US 42562282 A 19820928